For receiving Office use only PCT International Application No. REQUEST International Filing Date The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Name of receiving Office and "PCT International Application" Applicant's or agent's file reference (if desired) (12 characters maximum) K 39 868/1am TITLE OF INVENTION Article comprising stretched polymer composition with nanofillers This person is also inventor APPLICANT Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of cauntry. The country of the address indicated in this back is the applicant's Issale (that is, cauntry) of presidence of the allow frestlence to indicated below.) Telephone No. Facsimile No. Borealis Technology Oy Teleprinter No. FIN-06101 Porvoo Applicant's registration No. with the Office State (that is, country) of residence: State (that is, country) of nationality: FI the United States of America only the States indicated in the Supplemental Box all designated all designated States except the United States of America This person is applicant for the purposes of: Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include pastal code and name of country. The country of the address indicated in this Bax is the applicant's State (that is, country) of residence by no State of residence is indicated below.) This person is:

Boshuis 3 inventor only (If this check-box is marked, do not fill in below.) Tessenderlo B-3980 Belgium Applicant's registration No. with the Office State (that is. country) of residence: State (that is, country) of nationality: BE BE the States indicated in the Supplemental Box the United States of America only all designated States all designated States except the United States of America This person is applicant for the purposes of: Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE common representative

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name and address: (Family name fallowed by given name; far a legal entity, full afficial designation.
The address must include postal cade and name of country.)

Telephone No. +49/(0)89/2015252 Facsimile No. +49/(0)89/2015242

X agent

applicant only

applicant and inventor

Teleprinter No.

Agent's registration No. with the Office

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent. Form PCT/RO/101 (first sheet) (January 2004)

Kador &Partner

80469 Munich Germany

Corneliusstraße 15

Box No. I

Box No. II

Finland

FI

P O Box 330

ACKERMANS, Nina

Sheet No. 2

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)			
If none of the following sub-boxes is used, this sheet should no	be included in the req	uest.	
Name and address: Fronty name followed by given name; for legal entil The address ame inclusive postal code on name of control. The country of the Box is the applicant's State (that is, country) of residence if no State of residence if Name in the postal control of the postal control of the postal control of the interest in the postal control of the interest in the postal control of the interest in the interest	This person is: applicant only applicant and inventor inventor only (If his check-box is marked, do not fill in below) Applicant's registration No. with the Office		
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Further applicants and/or (further) inventors are indicated on another continuation sheet.			

Sheet No. . . 3

filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. However, DE Germany is not designated for any kind of national protection RR Republic of Korea is not designated for any kind of national protection RU Russian Federation is not designated for any kind of national protection RU Russian Federation is not designated for any kind of national protection RU Russian Federation is not designated for any kind of national protection RU Russian Federation is not designated for any kind of national protection RU Russian Federation is not designated for any kind of national protection RU Russian Federation is not designated for any kind of national protection RU Russian Federation is not designated for any kind of national protection RU Russian Federation is not designated for any kind of national protection RU Russian Federation is not designated for any kind of national protection Russian Federation is not designated for any kind of national protection Russian Federation is not designated for any kind of national protection Russian Federation Federation is national applications from which protection of feature application is: Russian Federation Federation Federation Federation International application: receiving Office item (1) January 9, 2003 (D3.01.03) Item (2)	Box No. V	DESIGNAT	IONS			
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KR Republic of Korea is not designated for any kind of national protection RU Russian Federation is not designated for any kind of national protection (The check-bases above may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier anional application from which priority is claimed. See the Notes to Box No. V as to the consequences of such national law provisions in these and ceratin other States.) Box No. VI PRIORITY CLAIM The priority of the following earlier application(s) is hereby claimed: Filing date of earlier application (day/month/year)	_					
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United States of America) :	Box No.	VIII (iii)				
Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :	Box No.	VIII (iv)				
	Box No.	:				

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Form PCT/RO/101 (second sheet) (January 2004)

See Notes to the request form

heet No. 4

Box No. IX CHECK LIST; LANGUAGE OF FILING				
This international application contains: (a) In paper form, the following number of right column the number of each item! This international application is accompanied by the following item(s) (mark the applicable check-bases below and indicate in right column the number of each item):				
sheets: request (including	1. 🔀 fee calculation sheet	: 1		
declaration sheets) : 4	2. original separate power of attorney	follows		
description (excluding sequence listing and/or	3. Original general power of attorney	:		
tables related thereto) : 12	4. X copy of general power of attorney; reference number, if any: .42788	:		
claims : 3	5. statement explaining lack of signature	:		
abstract : 1	6. priority document(s) identified in Box No. VI as			
drawings	item(s):	:		
Sub-total number of sheets : 20 sequence listing :	7. translation of international application into (language):	:		
tables related thereto : (for both, actual number of	separate indications concerning deposited microorganism or other biological material	:		
sheets if filed in paper form, whether or not also filed in	9. sequence listing in computer readable form (indicate type and number of carriers)			
computer readable form; see (c) below)	 (indicate type and number of carriers) i copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application) 			
Total number of sheets : 20	(ii) (only where check-box (b)(i) or (c)(i) is marked in left column)			
(b) only in computer readable form (Section 801(a)(i))	purposes of international search under Rule 13ter (iii) together with relevant statement as to the identity of the copy or	:		
(i) ☐ sequence listing (ii) ☐ tables related thereto	copies with the sequence listing mentioned in left column	:		
(c) also in computer readable form (Section 801(a)(ii))	 tables in computer readable form related to sequence listing (indicate type and number of carriers) 			
(i) sequence listing (ii) tables related thereto	 copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international 			
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contained the purposes of international search under Section 802(b-quater)				
sequence listing:				
(additional copies to be indicated under	11. 🔀 other (specify): .EP. search report	:		
items 9(ii) and/or 10(ii), in right column)				
Figure of the drawings which should accompany the abstract:	Language of filing of the international application:			
Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).				
Dr. Bernhard Pillep				
For receiving Office use only				
Date of actual receipt of the purported Drawing		ngs:		
international application:		ived:		
Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:				
not recei corrections under PCT Article 11(2):				
5. International Searching Authority (if two or more are competent): ISA / 6. Transmittal of search copy delayed until search fee is paid				
For International Bureau use only				
Date of receipt of the record copy by the International Bureau:				

This sheet is not part of and does not count as a sheet of the international application,

rci	For receiving Office use only
FEE CALCULATION SHEET	International Application No.
Annex to the Request	
Applicant's or agent's file reference K 39 868/1am	Date stamp of the receiving Office
Applicant Borealis Technology Oy	
CALCULATION OF PRESCRIBED FEES	
1. TRANSMITTAL FEE	€ 100 Т
SEARCH FEE International search to be carried out by (If two or more International Searching Authorities are competent international search, indicate the name of the Authority which is clithe international search.	$\underbrace{ \in 1,550, \mid \bar{s} \mid}_{\text{to carry out the losen to carry out}}$
3. INTERNATIONAL FILING FEE	
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entitled, the total to be entered at I is 25% of the international filing	g fee.) € 30 [P]
4. FEE FOR PRIORITY DOCUMENT (if applicable)	
5. TOTAL FEES PAYABLE	€ 2,582 TOTAL
MODE OF PAYMENT authorization to charge deposit account (see below) postal money order	cash coupons
	revenue stamps other (specify):
AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCO	OUNT Receiving Office: RO/ EP
X Authorization to charge the total fees indicated above.	Deposit Account No
(This check-box may be marked only if the conditions for deposit account of the receiving Office so permit) Authorization to charge any deficien	Date: January 8, 2004 Name: Kador & Partner
or credit any overpayment in the total fees indicated above. Authorization to charge the fee for priority document.	Signature: Dr. Valley
Form PCT/RO/101 (Annex) (January 2004)	See Notes to the fee calculation shee